

## WHAT IS CLAIMED IS:

1. A paint-pellet gun comprising a gun body, an emitting electric eye, a receiving electric eye and a covering plate, said gun body bored with two through holes and a threaded hole in one side under its pellet case base, said two through holes respectively installed therein with said emitting electric eye and said receiving electric eye, said emitting electric eye and receiving electric eye connected with a shooting control system by power lines, said covering plate covered around the outer sides of said emitting electric eye and said receiving electric eye; and,  
10 paint pellets moved down in the trajectory of said gun body to let said emitting electric eye emit a light beam, said receiving electric eye receiving and inducing said light beam and actuating said shooting control system to carry out shooting of the paint pellets, the light beam emitted by said emitting electric eye unable to be refracted and received by said receiving electric eye in case of no paint pellets being in said trajectory, said shooting control system unable to be induced and started to carry out shooting, said paint-pellets gun being safe in shooting and preventing paint pellets from cracking in said trajectory and causing deadlock.
2. A paint-pellet gun comprising a gun body, an emitting electric eye, a receiving electric eye and two covering plates, said gun body having two opposed through holes and two opposed threaded holes respectively bored in the opposite sides under its pellet case base, said two opposed through holes respectively installed therein with said emitting electric eye and said receiving electric eye, said emitting electric eye and said receiving electric eye connected with a shooting control system, said two covering plates respectively covered around the outer side of said emitting electric eye and said receiving electric eye; and,

said shooting control system unable to carry out shooting of paint pellets when said emitting electric eye emits a light beam and said receiving electric eye receives and induces said light beam, said shooting control system able to carry out pushing and shooting of paint pellets only  
5 when the paint pellets are surely moved in the trajectory to obstruct induction of said emitting electric eye and said receiving electric eye.

3. The paint-pellet gun as claimed in Claim 1, wherein said emitting electric eye and said receiving electric eye are respectively fitted with an O-shaped ring for sealing up the outer end of each said through  
10 hole.

4. The paint-pellet gun as claimed in Claim 2, wherein said emitting electric eye and said receiving electric eye are respectively fitted with an O-shaped ring for sealing up the outer end of each said through  
15 hole.

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